

Table 8. Incidence rates <sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2005

California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>All industries including State and local government</b> <sup>4</sup> .....		37.2	6.2	2.7	0.4	1.2	26.7
<b>Private industry</b> <sup>4</sup> .....		30.6	5.7	1.8	0.3	1.0	21.8
<b>Goods producing</b> <sup>4</sup> .....		28.6	5.6	2.2	0.2	1.9	18.7
<b>Natural resources and mining</b> <sup>4,6</sup> .....		19.7	5.1	--	--	( <sup>9</sup> )	10.1
<b>Agriculture, forestry, fishing and hunting</b> <sup>4</sup> .....	11	20.8	5.5	--	--	( <sup>9</sup> )	10.6
Crop production <sup>4</sup> .....	111	22.6	3.8	--	( <sup>9</sup> )	( <sup>9</sup> )	12.0
Animal production <sup>4</sup> .....	112	48.6	10.2	--	( <sup>9</sup> )	( <sup>9</sup> )	28.8
Support activities for agriculture and forestry .....	115	13.7	6.7	( <sup>9</sup> )	--	( <sup>9</sup> )	5.5
<b>Mining</b> <sup>6</sup> .....	21	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Oil and gas extraction .....	211	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Mining (except oil and gas) <sup>7</sup> .....	212	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Support activities for mining .....	213	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
<b>Construction</b> .....		19.7	3.4	2.7	( <sup>9</sup> )	--	13.5
<b>Construction</b> .....	23	19.7	3.4	2.7	( <sup>9</sup> )	--	13.5
Construction of buildings .....	236	8.8	--	--	( <sup>9</sup> )	( <sup>9</sup> )	4.4
Heavy and civil engineering construction .....	237	32.9	--	( <sup>9</sup> )	( <sup>9</sup> )	--	28.9
Specialty trade contractors .....	238	21.5	3.9	--	( <sup>9</sup> )	( <sup>9</sup> )	14.2
<b>Manufacturing</b> .....		35.2	6.8	1.6	--	3.2	23.4
<b>Manufacturing</b> .....	31-33	35.2	6.8	1.6	--	3.2	23.4
Food manufacturing .....	311	49.5	9.8	1.7	--	7.5	29.6

See footnotes at end of table.

Table 8. Incidence rates <sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2005 -- Continued

California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Beverage and tobacco product manufacturing . . . . .	312	39.9	--	--	( <sup>9</sup> )	--	--
Apparel manufacturing . . . . .	315	5.6	( <sup>9</sup> )	--	( <sup>9</sup> )	( <sup>9</sup> )	3.9
Leather and allied product manufacturing . . . . .	316	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Wood product manufacturing . . . . .	321	66.1	11.5	( <sup>9</sup> )	( <sup>9</sup> )	5.2	49.4
Paper manufacturing . . . . .	322	29.0	( <sup>9</sup> )	( <sup>9</sup> )	--	13.1	8.9
Printing and related support activities . . . . .	323	12.1	--	( <sup>9</sup> )	( <sup>9</sup> )	--	4.4
Petroleum and coal products manufacturing . . . . .	324	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Chemical manufacturing . . . . .	325	42.2	12.4	3.4	( <sup>9</sup> )	( <sup>9</sup> )	26.4
Plastics and rubber products manufacturing . . . . .	326	24.3	( <sup>9</sup> )	--	( <sup>9</sup> )	--	17.6
Nonmetallic mineral product manufacturing . . . . .	327	38.6	--	--	( <sup>9</sup> )	--	21.1
Primary metal manufacturing . . . . .	331	22.1	10.6	--	( <sup>9</sup> )	8.1	--
Fabricated metal product manufacturing . . . . .	332	15.7	4.4	--	( <sup>9</sup> )	3.3	6.9
Machinery manufacturing . . . . .	333	28.4	8.1	2.5	( <sup>9</sup> )	2.5	15.3
Computer and electronic product manufacturing . . . . .	334	33.5	1.3	( <sup>9</sup> )	( <sup>9</sup> )	0.9	30.9
Electrical equipment, appliance, and component manufacturing . . . . .	335	9.8	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	7.8
Transportation equipment manufacturing . . . . .	336	46.3	5.4	4.6	( <sup>9</sup> )	6.2	30.0
Furniture and related product manufacturing . . . . .	337	40.1	14.0	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	26.1
Miscellaneous manufacturing . . . . .	339	63.2	21.1	3.5	( <sup>9</sup> )	( <sup>9</sup> )	38.4
<b>Service providing . . . . .</b>		31.2	5.7	1.7	0.3	0.8	22.8
<b>Trade, transportation, and utilities<sup>8</sup> . . . . .</b>		32.5	--	2.3	0.4	2.2	21.3
<b>Wholesale trade . . . . .</b>	42	--	--	--	( <sup>9</sup> )	--	--
Merchant wholesalers, durable goods . . . . .	423	--	--	--	( <sup>9</sup> )	( <sup>9</sup> )	--
Merchant wholesalers, nondurable goods . . . . .	424	22.0	9.2	--	( <sup>9</sup> )	--	10.6
Wholesale electronic markets and agents and brokers . . . . .	425	21.0	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	11.8
<b>Retail trade . . . . .</b>	44-45	--	3.2	2.3	0.4	--	--
Motor vehicle and parts dealers . . . . .	441	16.7	( <sup>9</sup> )	--	( <sup>9</sup> )	( <sup>9</sup> )	16.4
Furniture and home furnishings stores . . . . .	442	--	--	( <sup>9</sup> )	--	( <sup>9</sup> )	--
Electronics and appliance stores . . . . .	443	7.0	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	7.0
Building material and garden equipment and supplies dealers . . . . .	444	--	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--
Food and beverage stores . . . . .	445	--	6.6	--	--	( <sup>9</sup> )	--

See footnotes at end of table.

Table 8. Incidence rates <sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2005 -- Continued

California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Health and personal care stores . . . . .	446	19.7	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	17.6
Gasoline stations . . . . .	447	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Clothing and clothing accessories stores . . . . .	448	4.5	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	4.5
Sporting goods, hobby, book, and music stores . . . . .	451	4.7	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
General merchandise stores . . . . .	452	34.5	7.2	11.7	--	--	13.6
Miscellaneous store retailers . . . . .	453	15.9	7.5	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	8.2
Nonstore retailers . . . . .	454	--	( <sup>9</sup> )	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
<b>Transportation and warehousing<sup>8</sup></b> . . . . .	<b>48-49</b>	<b>56.1</b>	<b>2.6</b>	<b>1.6</b>	<b>(<sup>9</sup>)</b>	<b>8.7</b>	<b>43.1</b>
Air transportation . . . . .	481	130.3	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	70.9	56.9
Rail transportation <sup>9</sup> . . . . .	482	13.8	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Water transportation . . . . .	483	85.7	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--
Truck transportation . . . . .	484	13.1	--	--	( <sup>9</sup> )	( <sup>9</sup> )	4.0
Transit and ground passenger transportation . . . . .	485	38.3	--	8.8	( <sup>9</sup> )	--	25.2
Support activities for transportation . . . . .	488	19.1	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	3.0	15.0
Couriers and messengers . . . . .	492	187.8	--	--	( <sup>9</sup> )	3.9	181.8
Warehousing and storage . . . . .	493	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--
<b>Utilities</b> . . . . .	<b>22</b>	<b>99.8</b>	<b>(<sup>9</sup>)</b>	<b>--</b>	<b>--</b>	<b>24.2</b>	<b>35.1</b>
Utilities . . . . .	221	99.8	( <sup>9</sup> )	--	--	24.2	35.1
<b>Information</b> . . . . .		<b>40.7</b>	<b>0.8</b>	<b>(<sup>9</sup>)</b>	<b>(<sup>9</sup>)</b>	<b>0.9</b>	<b>38.7</b>
<b>Information</b> . . . . .	<b>51</b>	<b>40.7</b>	<b>0.8</b>	<b>(<sup>9</sup>)</b>	<b>(<sup>9</sup>)</b>	<b>0.9</b>	<b>38.7</b>
Publishing industries (except Internet) . . . . .	511	20.6	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--	17.0
Telecommunications . . . . .	517	109.3	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--	108.8
<b>Financial activities</b> . . . . .		<b>32.6</b>	<b>1.7</b>	<b>0.9</b>	<b>0.2</b>	<b>(<sup>9</sup>)</b>	<b>29.8</b>
<b>Finance and insurance</b> . . . . .	<b>52</b>	<b>40.1</b>	<b>--</b>	<b>0.3</b>	<b>(<sup>9</sup>)</b>	<b>(<sup>9</sup>)</b>	<b>38.8</b>
<b>Real estate and rental and leasing</b> . . . . .	<b>53</b>	<b>13.7</b>	<b>3.7</b>	<b>2.3</b>	<b>--</b>	<b>(<sup>9</sup>)</b>	<b>7.3</b>

See footnotes at end of table.

Table 8. Incidence rates <sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2005 -- Continued

California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
Real estate . . . . .	531	17.8	5.1	3.1	--	( <sup>9</sup> )	8.8
Rental and leasing services . . . . .	532	3.9	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	3.6
<b>Professional and business services . . . . .</b>		--	4.2	0.9	( <sup>9</sup> )	( <sup>9</sup> )	--
<b>Professional, scientific, and technical services . . . . .</b>	54	--	3.3	--	( <sup>9</sup> )	( <sup>9</sup> )	--
<b>Management of companies and enterprises . . . . .</b>	55	28.8	--	--	( <sup>9</sup> )	( <sup>9</sup> )	25.4
<b>Administrative and support and waste management and remediation services . . . . .</b>	56	--	6.0	--	( <sup>9</sup> )	( <sup>9</sup> )	--
Administrative and support services . . . . .	561	--	6.2	--	( <sup>9</sup> )	( <sup>9</sup> )	--
Waste management and remediation services . . . . .	562	11.8	( <sup>9</sup> )	--	( <sup>9</sup> )	--	--
<b>Education and health services . . . . .</b>		42.5	7.0	3.3	--	--	31.7
<b>Educational services . . . . .</b>	61	22.7	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--	19.7
<b>Health care and social assistance . . . . .</b>	62	45.6	8.0	3.7	--	( <sup>9</sup> )	33.6
Hospitals . . . . .	622	78.0	13.6	9.4	( <sup>9</sup> )	( <sup>9</sup> )	54.8
Nursing and residential care facilities . . . . .	623	43.4	18.3	--	( <sup>9</sup> )	( <sup>9</sup> )	23.4
<b>Leisure and hospitality . . . . .</b>		27.0	--	1.2	--	( <sup>9</sup> )	13.0
<b>Arts, entertainment, and recreation . . . . .</b>	71	45.0	2.3	--	( <sup>9</sup> )	( <sup>9</sup> )	39.8
Performing arts, spectator sports, and related industries . . . . .	711	5.1	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
Museums, historical sites, and similar institutions . . . . .	712	30.1	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	24.7
Amusement, gambling, and recreation industries . . . . .	713	62.1	2.2	--	( <sup>9</sup> )	( <sup>9</sup> )	55.6
<b>Accommodation and food services . . . . .</b>	72	--	--	0.9	--	( <sup>9</sup> )	--
Accommodation . . . . .	721	49.3	15.4	4.7	--	( <sup>9</sup> )	28.6
Food services and drinking places . . . . .	722	--	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--
<b>Other services . . . . .</b>		22.9	1.7	--	--	( <sup>9</sup> )	18.6

See footnotes at end of table.

Table 8. Incidence rates <sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2005 -- Continued

California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Other services, except public administration</b> .....	81	22.9	1.7	--	--	( <sup>9</sup> )	18.6
Repair and maintenance .....	811	17.1	--	( <sup>9</sup> )	--	( <sup>9</sup> )	9.5
Personal and laundry services .....	812	20.1	2.1	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	17.9
Religious, grantmaking, civic, professional, and similar organizations .....	813	34.3	--	--	( <sup>9</sup> )	( <sup>9</sup> )	32.5
<b>State and local government</b> .....		78.7	9.6	8.7	1.0	2.1	57.3
<b>State government</b> .....		93.9	10.9	12.9	1.3	1.5	67.4
<b>Service providing</b> .....		93.9	10.9	12.9	1.3	1.5	67.4
<b>Professional and business services</b> .....		44.1	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	40.1
<b>Education and health services</b> .....		56.4	6.4	5.6	( <sup>9</sup> )	( <sup>9</sup> )	43.6
<b>Educational services</b> .....	61	48.6	4.0	2.7	( <sup>9</sup> )	( <sup>9</sup> )	40.8
Educational services .....	611	48.6	4.0	2.7	( <sup>9</sup> )	( <sup>9</sup> )	40.8
<b>Health care and social assistance</b> .....	62	87.4	16.1	17.0	( <sup>9</sup> )	( <sup>9</sup> )	54.4
<b>Public administration</b> .....		137.6	16.5	21.5	2.6	2.3	94.7
<b>Public administration</b> .....	92	137.6	16.5	21.5	2.6	2.3	94.7
Executive, legislative, and other general government support .....	921	28.1	( <sup>9</sup> )	--	( <sup>9</sup> )	( <sup>9</sup> )	19.0
Justice, public order, and safety activities .....	922	233.3	9.7	46.2	6.2	( <sup>9</sup> )	169.6
<b>Local government</b> .....		74.1	9.3	7.5	0.9	2.2	54.3
<b>Goods producing</b> <sup>4</sup> .....		27.6	( <sup>9</sup> )	--	( <sup>9</sup> )	--	21.1
<b>Natural resources and mining</b> <sup>4,6</sup> .....		( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )

See footnotes at end of table.

Table 8. Incidence rates <sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2005 -- Continued

California

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Agriculture, forestry, fishing and hunting</b> <sup>4</sup> .....	11	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )
<b>Construction</b> .....		25.3	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--	21.2
<b>Construction</b> .....	23	25.3	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--	21.2
Heavy and civil engineering construction .....	237	25.3	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--	21.3
<b>Service providing</b> .....		74.5	9.4	7.5	0.9	2.2	54.6
<b>Trade, transportation, and utilities</b> <sup>8</sup> .....		79.2	14.6	4.7	2.4	8.7	48.7
<b>Transportation and warehousing</b> <sup>8</sup> .....	48-49	85.1	8.2	8.6	( <sup>9</sup> )	( <sup>9</sup> )	67.2
Transit and ground passenger transportation .....	485	100.8	--	11.2	( <sup>9</sup> )	( <sup>9</sup> )	81.6
<b>Utilities</b> .....	22	74.5	20.0	( <sup>9</sup> )	4.4	15.1	33.4
Utilities .....	221	74.5	20.0	( <sup>9</sup> )	4.4	15.1	33.4
<b>Professional and business services</b> .....		--	( <sup>9</sup> )	--	( <sup>9</sup> )	( <sup>9</sup> )	--
<b>Administrative and support and waste management and remediation services</b> .....	56	--	( <sup>9</sup> )	--	( <sup>9</sup> )	( <sup>9</sup> )	--
Administrative and support services .....	561	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	--
<b>Education and health services</b> .....		40.9	4.5	5.4	( <sup>9</sup> )	1.0	29.9
<b>Educational services</b> .....	61	--	--	5.5	( <sup>9</sup> )	1.2	--
Educational services .....	611	--	--	5.5	( <sup>9</sup> )	1.2	--
<b>Health care and social assistance</b> .....	62	93.7	8.2	4.2	( <sup>9</sup> )	( <sup>9</sup> )	81.3
<b>Leisure and hospitality</b> .....		80.9	25.2	4.5	( <sup>9</sup> )	( <sup>9</sup> )	50.1

See footnotes at end of table.

**Table 8. Incidence rates <sup>1</sup> of nonfatal occupational illnesses by selected industries and category of illness, 2005 -- Continued**

**California**

Industry <sup>2</sup>	NAICS code <sup>3</sup>	Incidence rates per 10,000 full-time workers <sup>1</sup>					
		Total cases	Skin disorders	Respiratory conditions	Poisonings	Hearing loss	All other illnesses
<b>Arts, entertainment, and recreation</b> .....	71	81.0	28.2	5.0	( <sup>9</sup> )	( <sup>9</sup> )	46.4
<b>Other services</b> .....		86.9	--	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	80.3
<b>Public administration</b> .....		121.8	14.5	11.9	2.0	3.2	90.2
<b>Public administration</b> .....	92	121.8	14.5	11.9	2.0	3.2	90.2
Executive, legislative, and other general government support .....	921	83.7	19.2	9.3	--	--	52.6
Administration of human resource programs .....	923	94.3	2.3	12.5	( <sup>9</sup> )	--	78.9

<sup>1</sup> Incidence rates represent the number of illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

N = number of illnesses  
 EH = total hours worked by all employees during the calendar year  
 20,000,000 = base for 10,000 equivalent full-time workers  
 (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *North American Industry Classification System* 2002 Edition

<sup>4</sup> Excludes farms with fewer than 11 employees.

<sup>5</sup> Incidence rate less than 0.05.

<sup>6</sup> Data for mining (Sector 21 in the *North American Industry Classification System* -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the

coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

<sup>8</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>9</sup> Fewer than 15 cases.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.